

REVISED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number  
**WO 2004/108840 A2**

(51) International Patent Classification<sup>7</sup>: **C12N 15/11**,  
15/63, 5/10, C12Q 1/68

(21) International Application Number:  
PCT/US2004/017331

(22) International Filing Date: 3 June 2004 (03.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/453,410 3 June 2003 (03.06.2003) US  
10/743,956 23 December 2003 (23.12.2003) US  
10/818,158 5 April 2004 (05.04.2004) US

(71) Applicant (for all designated States except US): **CYTO-  
GENIX, INC.** [US/US]; 3100 Wilcrest, Suite 140, Hous-  
ton, TX 77042 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHEN, Yin**  
[CN/US]; 2412 Lansing Circle, Pearland, TX 77584  
(US). **TAN, Xing, Xin** [CN/US]; 3410 Rose Water Drive,  
Manvel, TX 77578 (US).

(74) Agent: **WISNER, Mark, R.**; Wisner & Associates, 1177  
West Loop South, Suite 400, Houston, TX 77027-9012  
(US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with declaration under Article 17(2)(a); without abstract;  
title not checked by the International Searching Authority

(48) Date of publication of this revised version: 16 June 2005

**(15) Information about Corrections:**

see PCT Gazette No. 24/2005 of 16 June 2005, Section II

**Previous Correction:**

see PCT Gazette No. 10/2005 of 10 March 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: NUCLEOTIDES FOR PREVENTION AND TREATMENT OF BACTERIAL AND FUNGAL PATHOLOGIES

(57) Abstract:



WO 2004/108840 A2